



PRODUCT OVERVIEW

The Brainwell Automatic Message Manager is a high-performance, standalone audio playback device designed for reliable automated messaging for evacuation alerts, safety warnings, and public announcements during emergency.

KEY FEATURES

- ★ Standalone operation – no external controller required
- ★ Can be used with any Mixer amplifier and PA controller
- ★ Priority-based trigger inputs for emergency hierarchy
- ★ SD card-based message storage (easy update & replacement)
- ★ Supports messages of any duration (limited by 8GB SD card capacity)
- ★ Built-in SD card and test speaker for quick system verification
- ★ Front panel volume control for easy adjustment
- ★ LED indication for Power & Trigger status
- ★ Compact design

TECHNICAL SPECIFICATION

PARAMETER	SPECIFICATION
Power Supply	12 V DC
Audio Output	RCA Line Output
Trigger Inputs	3 (Dry Contact - Normally Open)
Message Storage	SD Card (Preloaded)
Enclosure	PVC
Dimensions	56 x 430 x 270 mm
Test Speaker	Built-in
Volume Control	Front Panel

TRIGGER INPUT LOGIC

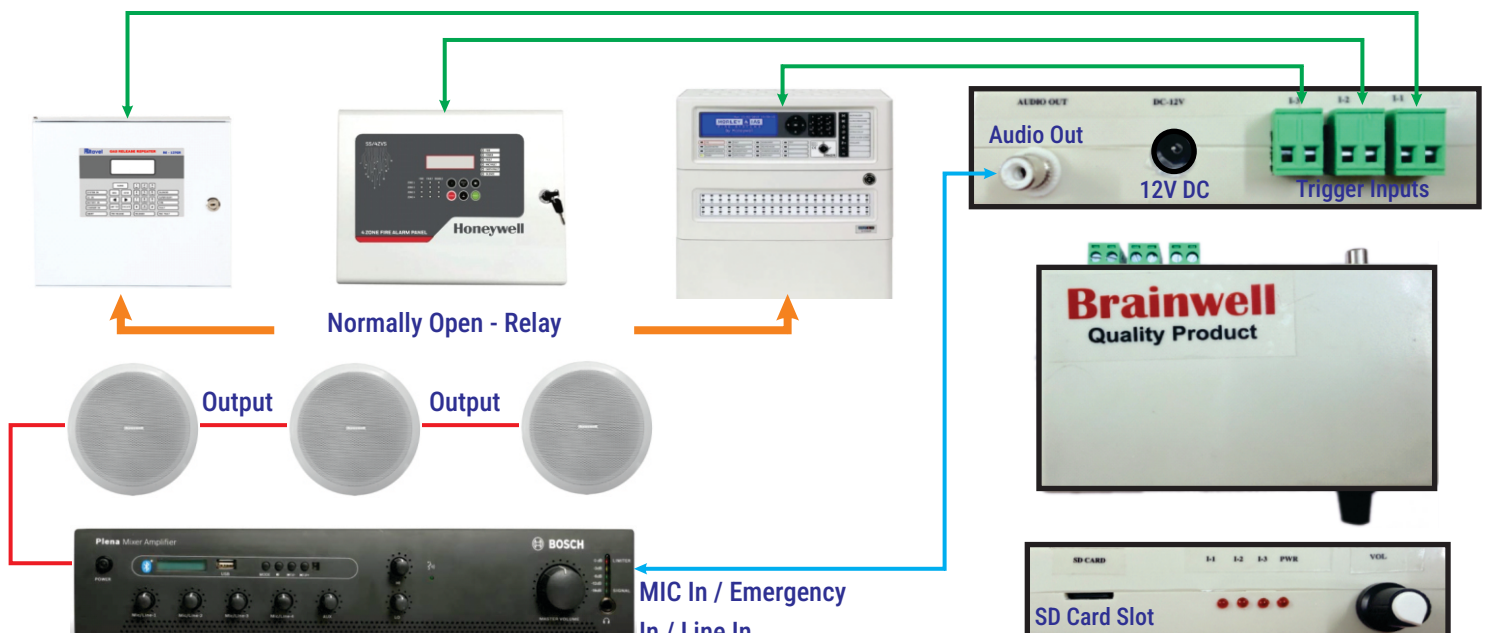
The system supports 3 dry contact trigger inputs with predefined priority:

- ★ Input 3 - Lowest Priority
- ★ Input 1 - Medium Priority
- ★ Input 2 - Highest Priority

COMPATIBILITY

Any Mixer Amplifier and PA Controller

TECHNICAL DIAGRAM



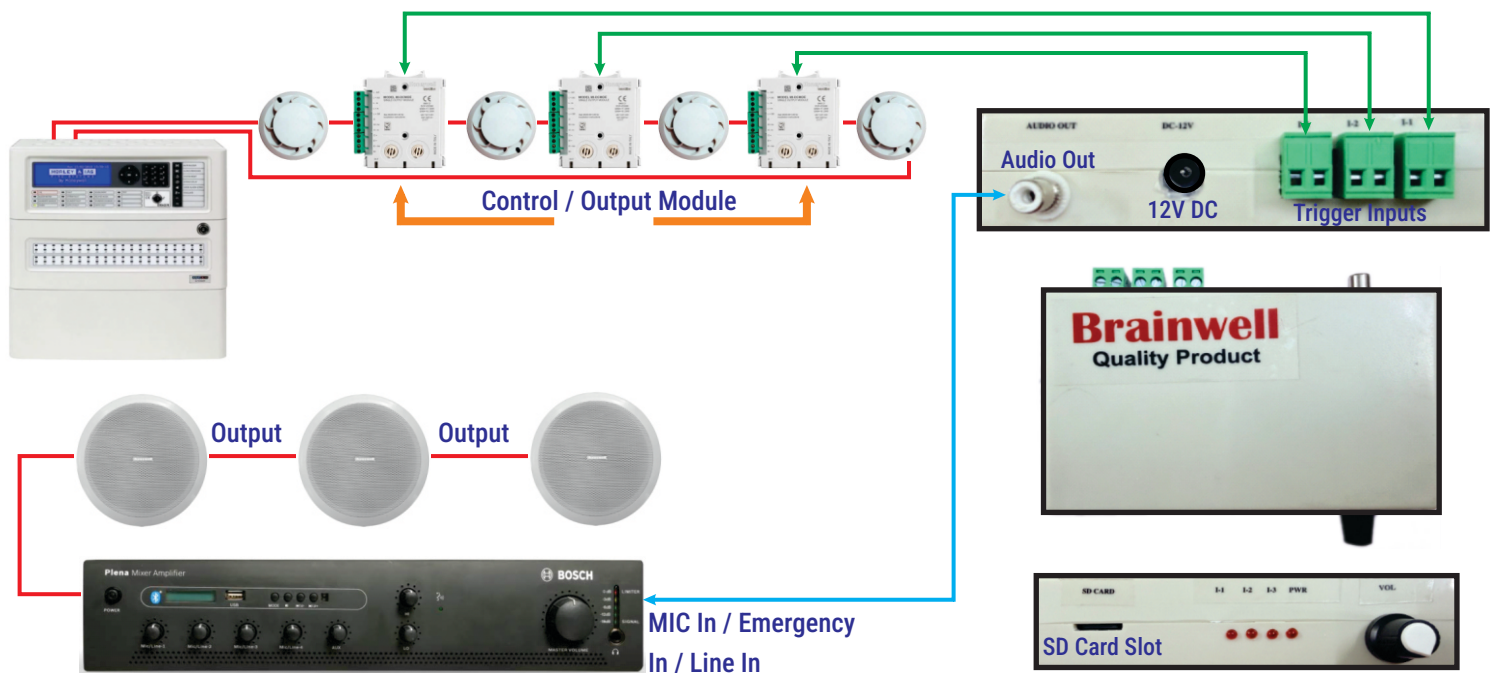
MESSAGE MANAGEMENT

- ★ Supplied with 8GB SD card (preloaded with 3 messages)
- ★ Messages can be easily modified by removing SD card, rewriting audio files and reinserting into device
- ★ No restriction on message length (depends on SD card capacity)

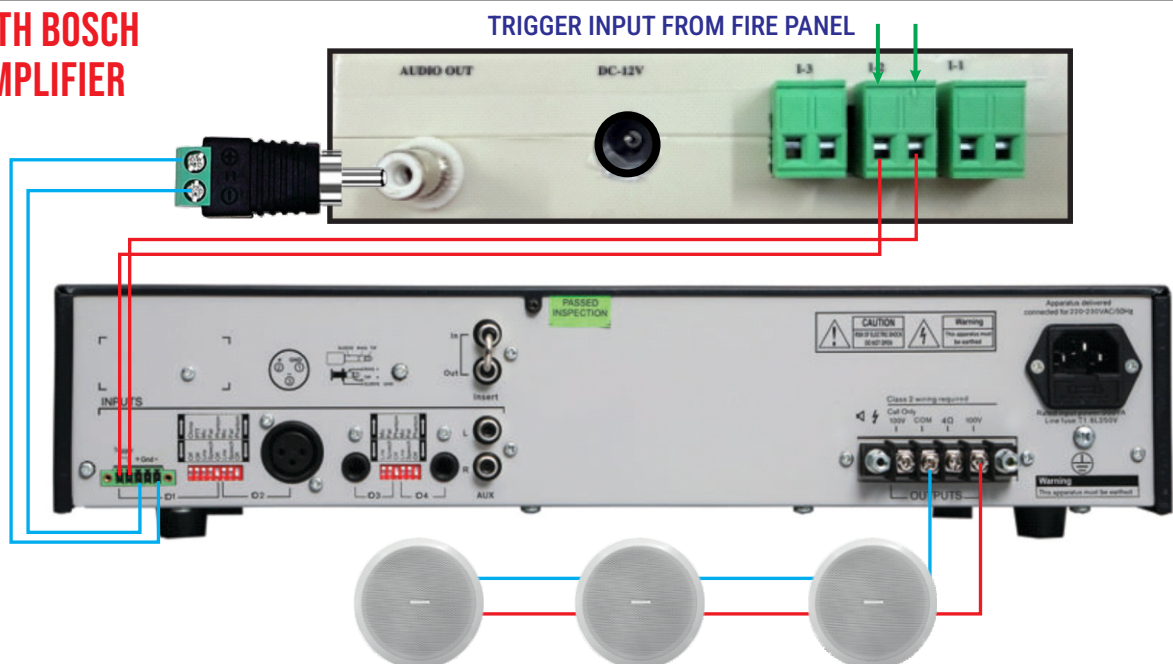
USER INTERFACE & CONTROLS:

- ★ Front Panel LED Indicators: Power Status & Trigger Activation
- ★ Volume Control: Easily adjustable from front panel
- ★ Built-in Test Speaker: Quick audio verification without external system

TECHNICAL DIAGRAM



CONNECTION WITH BOSCH PLENA MIXER AMPLIFIER



WHY CHOOSE BRAINWELL?

- ★ Reliable Standalone Operation
- ★ Simple Installation & Operation
- ★ Flexible Message Customization
- ★ Priority-based Emergency Handling
- ★ Cost-effective Alternative to Complex PA Systems